

10765783_CLS1.txt
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10765783 on February 14, 2006

Original Classifications

6 178/18.04
6 345/173
4 307/116
3 84/658
3 235/472.01
3 341/33
3 348/96
2 4/623
2 62/137
2 178/18.06
2 219/124.34
2 250/221
2 257/59
2 323/322
2 345/178
2 356/602
2 374/150
2 427/8
2 431/278

Cross-Reference Classifications

8 345/174
7 345/177
5 345/173
4 178/18.01
4 178/18.03
4 178/18.06
4 235/462.45
4 341/33
3 250/559.33
3 307/652
3 327/517
3 345/179
2 4/628
2 33/707
2 73/864.24
2 84/659
2 126/39E
2 126/39N
2 137/883
2 137/887
2 178/18.05
2 178/19.02
2 200/600
2 215/11.2
2 219/137.71
2 235/462.14
2 235/462.43
2 235/462.44
2 250/221
2 250/223B
2 250/237G
2 250/559.22
2 251/65
2 257/E21.703
2 257/E27.111
2 307/115
2 307/116

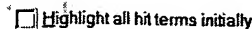
2 307/125
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 2 356/442
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 2 399/16
 2 399/371
 2 431/256
 2 431/266

Combined Classifications

11 345/173
 8 345/174
 8 345/177
 7 178/18.04
 7 341/33
 6 178/18.06
 6 307/116
 5 178/18.03
 4 178/18.01
 4 235/462.45
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 2 62/137
 2 73/304C
 2 73/725
 2 73/864.24
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 2 126/39N
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 2 235/462.44
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 2 250/237G
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2 257/59
2 257/E21.703
2 257/E27.111
2 307/115
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2 323/322
2 340/586
2 340/825.19
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2 341/34
2 345/156
2 345/178
2 348/103
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5,875,311

[45] **Date of Patent:** *Feb. 23, 1999

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Assistant Examiner—John Follansbee
Attorney, Agent, or Firm—Anthony N. Magistrale

- [57] ABSTRACT

- A computer system comprising a central processing unit (CPU) configured to accept coordinate type data from a touchpad or the like. The CPU has an operating system executing thereon with special support for interfacing to the touchpad. The operating system has the following capabilities: (1) mapping out geometric regions of the touchpad and assign the regions to specific region identifiers responsive to application programs and (2) determining the region identifier of a touched region and passing that region identifier to the application program. Support is also provided for changing the units of the commands used to define the regions.

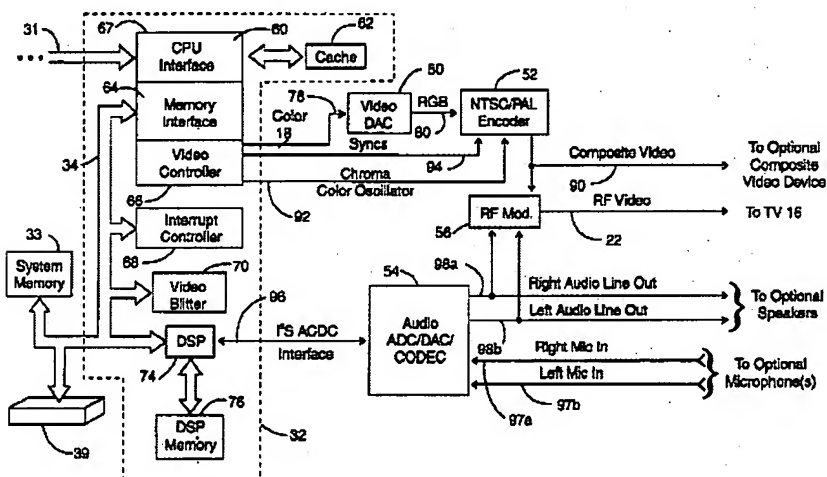
- 24 Claims, 11 Drawing Sheets**

[51] Int. CL⁶ G06F 15/00
[52] U.S. Cl. 305/300; 305/802; 305/803.

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[52] U.S. Cl. 305/300; 305/802; 305/803.

- [58] Field of Search 395/820, 309

- [58] Field of Search 395/820, 309,
395/892, 893, 500, 800, 32



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that provides a resistive force sufficient to allow a touch of the sensor 122 to be detected.

configured in such a manner that pressure on or near the pad surface 110 by the finger, stylus 21, or the like allows the sensor 122 to detect the location of the touch.

The coordinate sensor 122 and overlay sensor 124 are as described above in the text accompanying FIG. 2. The coordinate determining circuitry 202 is in circuit communication with the coordinate sensor